PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE CITATION (Use several sheets if necessary) U.S. PATENT DOCUMENTS EXAMINER INITIAL DOCUMENT NUMBER DATE DATE DATE NAME CLASS SUBCLASS IF AI 3 0 6 2 9 4 0 11/1962 BAUER et al. 219 19	3011302											
(Use several sheets if necessary) U.S. PATENT DOCUMENTS U.S. PATENT DOCUMENTS EXAMINER INITIAL DOCUMENT NUMBER DATE NAME CLASS SUBCLASS IF AN AME CLASS SUBCLASS S	301130											
U.S. PATENT DOCUMENTS EXAMINER INITIAL DOCUMENT NUMBER DATE NAME CLASS SUBCLASS IF AN 19	500											
EXAMINER												
1 1 1 1 1 1 1 1 1 1												
3 0 6 1 5 0 3 10/1962 GOULD et al. 156 272	NG DATE PROPRIATE											
3 0 6 2 9 4 0 11/1962 BAUER et al. 219 19												
3 1 1 2 7 7 1 12/1963 BRINGOLF et al. 138 129												
3 7 3 0 3 7 3 5/1973 KOZBELT 219 535	:											
3 7 8 8 9 2 8 1/1974 WISE 156 294												
3 9 0 7 6 2 5 9/1975 VOGELSANGER 156 253												
3 9 9 8 6 8 2 12/1976 HARMSEN 156 158												
4 4 4 9 0 3 8 5/1984 REICH et al. 219 535												
4 5 3 0 5 2 1 7/1985 NYFFELER et al. 285 21												
4 6 2 6 3 0 8 12/1986 ANSELL 156 257												
4 6 2 8 9 6 6 12/1986 KANAO 138 122												
FOREIGN PATENT DOCUMENTS												
DOCUMENT NUMBER DATE COUNTRY CLASS SUBCLASS TRAN	SLATION											
#ES 7 8 0 6 2 0 6/1997 EPO X	NO											
2 3 9 0 1 8 3/1965 Austria (Abs	x X											
2 6 3 0 2 2 12/1988 Germany	х											
. 2 4 6 8 1 11/1969 Russia X	<u> </u>											
(Abs	tract)											
	l											
OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)												
EXAMINER DATE CONSIDERS DE LOS DE DE	_											
*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 509; Draw Line through citation if not in conformance and not considered. Include copy of this												

Form PTO-14	149 U.S. DEPARTMENT OF O									ATTY. DOCKET NO. 41110	s	SERIAL NO. 09/935_337			
										APPLICANT	<u></u>	OIPE			
INF	ORMA	ATIC	ON I	oiso	CLOS	SURE	E CI	TAT	CION	Karl-Heinz KRAH FILING DATE	1 0	ROUP	<u> </u>		
(Use	sev	vera	al s	shee	ets	if	nec	ess	sary)	August 23, 2001		27/22 OCT 0 3	2001		
U.S. PATENT DOCUMENTS											THE STATE OF THE S	ON GENT			
EXAMINER INTTIAL		DC	CUM	ENT	' NU	MBE	R		DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE		
Jax		4	6	3	0	8	4	6	12/1986	NISHINO et al.	285	21			
07		4	7	7	0	4	4	2	9/1988	SICHLER	285	21			
		4	8	4	2	3	0	5	6/1989	KISTENICH et al.	285	21			
		4	8	6	5	6	7	4	9/1989	DURKIN	156	158			
		4	9	2	7.	1	8	3	5/1990	STEINMETZ et al.	285	21			
		4	9	2	9	8	1	7	5/1990	MITO et al.	219	544			
	1	5	0	4	6	5	3	1	9/1991	KANAO	138	122			
		5	1	0	7	0	9	8	4/1992	D'AURIA	219	548			
<u> </u>		5	1	5	0	9	2	2	9/1992	NAKASHIBA et al.	285	21			
		5	1	6	9	1	7	6	12/1992	BROSSARD	285	21			
Jax		5	3	6	4	1	3	0	11/1994	THALMANN	285	21			
00									FOREIGN P.	ATENT DOCUMENTS					
	DOCUMENT NUMBER								DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION		
9 m	1	1 -3 1 5 9 8 7				8	7	11/1999	Japan			YES NO			
818	 	7.	-2	5	3	1	8	6	-10/1995	Japan			(Abstract)		
-	<u> </u>	7	. 3	3	2	5	7	1	12/1995	Japan			(Abstract)		
		5,	1	6	4	2	8	6	6/1993	Japan			(Abstract) X		
\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\		5	_1	6	4	2	8	8	6/1993	Japan			(Abstract) X		
7		<u>L</u>	<u> </u>	<u></u>	<u> </u>	l							(Abstract)		
- 0	O'	THE	R DO	ocui	MEN'	TS_	(in	clud	ding Autho	r, Title, Date, Pertine	ent Page	es, Etc.)			
						<u>.</u>									
							•								
						N		_	a						
EXAMINER	V	(,	N	$\overline{\mathscr{A}}$	' '	4	M	Z	1	DATE	CONSIDE	RED SIL	103		
609; Draw L	ine	thr	oug	h c	ita	tio	n i	f n	ot in conf	ether or not citation :	is in co	onformance w Include copy	rith MPEP of this		
form with n	ext	COM	mun	ica	tio	n t	o a	laa	ıcant.						

												·	·		
Form PTO-14	49								COMMERCE K OFFICE	ATTY. DOCKET NO. 41110	41110 09/935,337				
TNI	FORM	ልጥፐ (ז מכ	otso	TLOS	SURE	CI	TAT	TION	APPLICANT Karl-Heinz KRAH	IPE				
									sary)	FILING DATE August 23, 2001		GROUP C			
						-						3742 OCI P	3 2001		
U.S. PATENT DOCUMENTS												\			
EXAMINER INITIAL		DOCUMENT NUMBER							DATE NAME C			S SUBCLAS	FIDENG DATE		
Call	1	5						8		DUFOUR et al.	219	541	PPPROPRIATE		
() () () () () () () () () () () () () (5	3	9	0	7	0	4	2/1995	KANAO	138	121			
		5	4	3	3	4	8	4	7/1995	EWEN et al.	285	21			
		5	4	5	4	0	6	1	9/1995	CARLSON	392	478			
		5	6	8	7	9	9	6	11/1997	STEINMETZ et al.	285	21.1			
		5	8	2	4	1	7	9	10/1998	GREIG	156	274.2			
		5	8	3	6	6	2	1	11/1998	CAMPBELL	285	21.2			
		5	9	1	1	8	9	5	6/1999	PORFIDO et al.	219	221			
1		5	9	8	8	6	8	9	11/1999	LEVER	285	21.1			
		4	5	1	0	0	0	4	4/1985	HAWERKAMP	156	143			
Jax	1	4	5	3	0	5	2	1	7/1985	NYFFELER et al.	285	21			
-//		<u>. </u>	<u>. </u>	<u> </u>	l	<u> </u>	·	<u> </u>	FOREIGN P	ATENT DOCUMENTS	I. <u> </u>				
, , , , , , , , , , , , , , , , , , ,			poc	UME	NT	NUM	BER		DATE	COUNTRY	CLAS	S SUBCLASS	TRANSLATION		
Ana	+	2 1 9 0 6 9 4				9	4	7/1990	Japan			YES NO			
777	-	5 .	- 2	7	2	6	8	9	10/1993	Japan			(Abstract)		
- (-	6.	2	8	1	0	7	8	10/1994	Japan			(Abstract)		
	+	9,	2	8	0	4	6	6	10/1997	Japan			(Abstract)		
1	1	<u> </u>		4			8	2		Japan			(Abstract)		
<u> </u>		0 2 4 6 3 8 2 9/1998 Japan									(Abstract)				
00	0	THE	R D	ocu	MEN'	TS	(in	clu	ding Autho	r, Title, Date, Pertin	ent Paç	ges, Etc.)			
J															
		<u> </u>													
EXAMINER	$\sqrt{\alpha}$	[M		a	, (λ	d	1	\mathcal{A}	DATE	соизде	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			
	7	₩,	<u> </u>		•	7	 	1	1 X		<i>0</i> /				

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw Line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO-14	49								COMMERCE K OFFICE	ATTY. DOCKET NO. 41110		SERIAL NO. 09/935/33	PE		
TNE	ORMA	מדר <i>ב</i>	N T) T S (ים. זי	समाह	. CI	יים די	TON	APPLICANT Karl-Heinz KRAH		70			
									•	FILING DATE		GROUP OCT	U 3 5001		
(Use	e se	vera	al s	shee	ets	1Î	nec	ess	sary)	August 23, 2001		37420			
			774 2 TRADENARY												
EXAMINER INITIAL		DC	CUM	ENT	· NU	мве	R		DATE	NAME	CLASS		FILING DATE		
											·		II MILIOTRIAID		
		 			\vdash	-	-				 				
	ļ	ļ	_		_										
·															
					\vdash										
				ļ	<u> </u>			ļ							
	<u> </u>														
							 _	-			+				
									FOREIGN P	ATENT DOCUMENTS					
	,		DOC	UME	NT	NUM	BER		DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION		
<u> </u>	ļ								1	Guart Paitain			YES NO		
<u> </u>		1	1	2	1	8	5	0 !	, .	Great Britain					
. 9		1	2	1	4	6	3	2	12/1970	Great Britain					
		2	1	3	5	7	4	6 ′	9/1984	Great Britain					
•		2 .	1	3	5	7	4	7,	9/1984	Great Britain	1				
		44	2	1	4	2	7	9	11/1993	Germany	<u> </u>		X (Abstract)		
- /) · 0							, .	٠.		Till Die Deit					
-V	Γ ο	THE.	R D	ocu	MEN.	rs	(inc	cruc	ing Autho	r, Title, Date, Pertin	ent Pag	es, Etc.)			
										•					
															
									^						
	\leftarrow				r		#	, /	/ 	-		0/1	10		
EXAMINER	\ 0	1	\mathcal{N}		U		<u>_`</u> `\		1/1/	DATE	CONSID	ere v/4/ 0	23		
*EXAMINER	Ini	tia	1 i	fc	ita	tio	$\prod_{n \in C}$	ons	demed wh	nether or not citation	is in c	onformance w	ith MPEP		
609; Draw L form with n	ine	thr	oug	h c	ita	tio	n i	f Ϋ́ nn¹	ot (in conf	nether or not citation Formance and not consi	dered.	Include copy	of this		
TOTIL WICH II	بمر	-UII	unuil	<u> - Ca</u>	<u> LIO</u>	11 C	v a	<u> </u>							

Form PTO-14	49								COMMERCE K OFFICE		TY. DOCKE 41110 PLICANT	T NO.			RIAL NO. 09/935,337	P F	_
IN	FORMA	ATIC	ON E	oiso	CLOS	URE	CI	TAT	ION		PLICANT Karl-Hein	z KRAH			6	,	~ C.
(Use	e sev	era	al s	shee	ets	if	nec	ess	ary)		LING DATE August 23			GRC	OUP 1725	(0 3. DA	7 y
				· · · · · ·					U.S. PAT	TENT DO	CUMENTS		······································		PA T	ter a verts	CHART
EXAMINER INITIAL		DOCUMENT NUMBER							DATE		NAME			s	SUBCLASS	FILING IF APPR	G DATE OPRIATE
									_								
			·								•						
,		<u> </u>															-
				 													
		<u> </u>										,	<u> </u>	1			
	<u> </u>	<u> </u>						-						\dashv	_		
										 			 				
	J		<u> </u>	<u> </u>	<u> </u>	L	l						<u> </u>				
FOREIGN PATENT DOCUMENTS DOCUMENT NUMBER DATE COUNTRY CLASS SUBCLASS TRANSLATION													LATION				
<u> </u>	.	DOCUMENT NUMBER					BER		DATE		COUNTRY			s	SUBCLASS	YES NO	
yay		2 8 1 7 2 4 3			10/1979	Germa	Germany					X (Abst:	ract)				
0		3	2	1	3	5	5	1	/10/1983	Germa	ny	-					Х
•		3	1	0	3	3	0	5/	6/1984	Germa	ny						x_
		3	2	2	6	5	7	5/	3/1984	Germa	ny				•	X (Abst:	ract)
•		2	2	0	7	0	6	0	6/1974	Germa	ny				-		х
Hall		1	4	7	9	2	3	1	3/1969	Germa	ny					**	х
$\mathcal{O}(0)$	0	THE	R DO	ocui	MENT	rs	(inc	cluc	ding Autho	r, Tit	le, Date,	Pertine	ent Pag	ges,	, Etc.)		
	4_				_Д		Λ.		\					• •			
EXAMINER	. 10	li	M	d			1/		hi			DATE	CONSI	ZI	1/03		
*EXAMINER 609; Draw form with r	Ini ine	tia thr	l i oug	f q h c ica	ita ta	t o			idered, whot in conficant.	nether Formanc	or not ci e and not	tation consid	is in ered.	con In	formance w	ith Mi	PEP